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P	10/58/05	(4/98)
Approved for use through 09/30/2000.	OMB 065	1-0032
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UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No. YAMAP0705US

First Inventor or Application Identifier H. Fujiyama

Title WRITE COMPENSATION CIRCUIT ...

Express Mail Label No. EJ464626694US Only for new nonprovisional applications under 37 C.F.R. § 1.53(b) Assistant Commissioner for Patents APPLICATION ELEMENTS ADDRESS TO: **Box Patent Application** See MPEP chapter 600 concerning utility patent application contents. Fee Transmittal Form (e.g., PTO/SB/17) Microfiche Computer Program (Appendix) (Submit an original and a duplicate for fee processing) 6. Nucleotide and/or Amino Acid Sequence Submission Specification [Total Pages (if applicable, all necessary) (preferred arrangement set forth below) Computer Readable Copy a. - Descriptive title of the Invention - Cross References to Related Applications Paper Copy (identical to computer copy) b. - Statement Regarding Fed sponsored R & D Statement verifying identity of above copies C. - Reference to Microfiche Appendix - Background of the Invention **ACCOMPANYING APPLICATION PARTS** - Brief Summary of the Invention Assignment Papers (cover sheet & document(s)) - Brief Description of the Drawings (if filed) 37 C.F.R.§3.73(b) Statement 5 - Detailed Description 8 (when there is an assignee) Attorney - Claim(s) English Translation Document (if applicable) - Abstract of the Disclosure Information Disclosure Copies of IDS Drawing(s) (35 U.S.C. 113) [Total Sheets Statement (IDS)/PTO-1449 **Preliminary Amendment** Oath or Declaration [Total Pages Return Receipt Postcard (MPEP 503) 12. Newly executed (original or copy) (Should be specifically itemized) Copy from a prior application (37 C.F.R. § 1.63(d)) Small Entity Statement filed in prior application, Statement(s) Status still proper and desired **DELETION OF INVENTOR(S)** (PTO/SB/09-12) Certified Copy of Priority Document(s) Signed statement attached deleting (if foreign priority is claimed) inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b). Certificate of Mailing & NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY Letter Identifyina Inventors THE FOR THE TAIL STATES. THE CONTROL OF THE TAIL STATES AND THE TA 16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment: Continuation-in-part (CIP) of prior application No: Continuation Group / Art Unit: Prior application information: For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 17. CORRESPONDENCE ADDRESS Correspondence address below Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) Renner, Otto, Boisselle & Sklar, P.L Name Neil A. DuChez 1621 Euclid Avenue Address 19th Floor 44115 OH Cleveland State City 216-621-1113 216-621-6165 Country

Burden Hour Statement: This form is estimated to thate 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Registration No. (Attorney/Agent)

26,725

Chez

Neil A





CERTIFICATION UNDER 37 CFR 1.10

I nereby certify that the attached pater	nt application (along w	ith any other paper referred
to as being attached or enclosed) is be	ing deposited with the	United States Postal Service
on this date March 30, 2000	, in an envelope as	Express Mail Post Office to
Addressee" Mailing Label Number	EJ464626694US	addressed to the
Assistant Commissioner for Patents, V	Washington, D.C. 2023	31.
Janet Farr		
Typed or Printed Name of Person Mai	lling Paper	
(Signature of Person Mailing Paper)	4 . 4 . 4 . 4 . 4 . 4 . 4 . 4 . 4 . 4 .	
(Signature of Person Mailing Paper)		

YAMAP0705US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Group Art Unit:

Hirokuni Fujiyama

Examiner

Express Mail No.: EJ464626694US

Filed: March 30, 2000

For: W

WRITE COMPENSATION CIRCUIT AND SIGNAL INTERPOLATION CIRCUIT OF

RECORDING DEVICE

LETTER

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

The attached application is submitted herewith absent a Combined Declaration and Power of Attorney in accordance with 37 CFR §1.53(b) and (d). The inventors are as follows:

Hirokuni Fujiyama 141, Takatsukiryo, 7-1-141, Miyanocho Takatsukishi, Osaka 569-0081 Japan

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Hiroyuki Nakahira 2-615, Takehanakinomotocho, Yamashinaku Kyotoshi, Kyoto 607-8083 Japan

Akira Yamamoto C406, Takatsukiso, 1-44-9, Tsunoecho Takatsukishi, Osaka 569-0822 Japan Hiroki Mouri 6-7-104, Naritacho Neyagawashi, Osaka 572-0004 Japan

It is requested that the Patent Office direct all correspondence regarding this application to:

Neil A. DuChez Renner, Otto, Boisselle & Sklar, P.L.L. 1621 Euclid Avenue, Nineteenth Floor Cleveland, Ohio 44115

Respectfully submitted, RENNER, OTTO, BOISSELLE & SKLAR, P.L.L.

Neil A. DuChez

Reg. No. 26, 725

PTO/SB/17 (2/98)
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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Patent fees are subject to annual revision on October 1.
These are the fees effective November 10, 1998.
Small Entity payments <u>must</u> be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.
See 37 C.F.R. §§ 1.27 and 1.28.

Complete if Known				
Application Number	EJ464626694US			
Filing Date	March 30, 2000			
First Named Inventor	H. Fujiyama			
Examiner Name				
Group / Art Unit				
Attorney Docket No.	YAMAP0705US			

TOTAL AMOUNT OF PAYMENT

\$)	6	9	0	0	(

METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)			
The Commissioner is berefy sutherized to share	3. ADDITIONAL FEES			
1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:	For For For For			
Deposit 10.0000	Code (\$) Code (\$)	ription Fee Paid		
Account Number 18-0988	105 130 205 65 Surcharge - late filing	fee or oath		
Renner, Otto, Boisselle	127 50 227 25 Surcharge - late provis cover sheet.	sional filing fee or		
Charge Any Additional Charge the Issue Fee Set in	139 130 139 130 Non-English specifica	tion		
Fee Required Under 37 C.F.R. § 1.18 at the Mailing of the Notice of Allowance	147 2,520 147 2,520 For filing a request for	reexamination		
	112 920* 112 920* Requesting publication Examiner action	n of SIR prior to		
2. Payment Enclosed: Check Money Other Order	113 1,840* 113 1,840* Requesting publication Examiner action	n of SIR after		
	115 110 215 55 Extension for reply wit	hin first month		
FEE CALCULATION	116 380 216 190 Extension for reply wit	hin second month		
1. BASIC FILING FEE	117 870 217 435 Extension for reply wit	hin third month		
Large Entity Small Entity	118 1,360 218 680 Extension for reply wit	hin fourth month		
Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$)	128 1,850 228 925 Extension for reply wit	hin fifth month		
101 690 201 345 Utility filing fee 690	119 300 219 150 Notice of Appeal			
106 310 206 155 Design filing fee	120 300 220 150 Filing a brief in suppor	t of an appeal		
107 480 207 240 Plant filing fee	121 260 221 130 Request for oral heari	ng		
108 690 208 345 Reissue filing fee	138 1,510 138 1,510 Petition to institute a p	ublic use proceeding		
114 150 214 75 Provisional filing fee	140 110 240 55 Petition to revive - una	voidable		
SUBTOTAL (1) (\$) 690	141 1,210 241 605 Petition to revive - uni	ntentional		
2. EXTRA CLAIM FEES	142 1,210 242 605 Utility issue fee (or rei:	ssue)		
Fee from Extra Claims below Fee Paid	143 430 243 215 Design issue fee			
Total Claims 8 -20** = 0 X 18 = 0	144 580 244 290 Plant issue fee			
Independent 2 - 3** = 0 X 78 = 0	122 130 122 130 Petitions to the Comm	issioner		
Multiple Dependent 260 = 0	123 50 123 50 Petitions related to pro	ovisional applications		
**or number previously paid, if greater; For Reissues, see below	126 240 126 240 Submission of Informa	ition Disclosure Stmt		
Large Entity Small Entity Fee Fee Fee Fee Fee Description Code (\$) Code (\$)	581 40 581 40 Recording each paten property (times number			
103 18 203 9 Claims in excess of 20	146 690 246 345 Filing a submission af			
102 78 202 39 Independent claims in excess of 3	(37 CFR 1.129(a)) 149 690 249 345 For each additional in			
104 260 204 130 Multiple dependent claim, if not paid	149 690 249 345 For each additional in examined (37 CFR 1.1			
109 78 209 39 ** Reissue independent claims over original patent	Other fee (specify)			
110 18 210 9 ** Reissue claims in excess of 20 and over original patent	Other fee (specify)			
SUBTOTAL (2) (\$) 0	Reduced by Basic Filing Fee Paid SUB	TOTAL (3) (\$) 0		
SUBMITTED BY		Complete (if applicable)		
Typed or Peg Night A Duchoz Peg Night QC 705				

SUBMITTED BY					Complete (if applicable)	
Typed or Printed Name	Neil A. DuChez			Reg. Number	26,725	
Signature	Tul Od	Date	3-30-00	Deposit Account User ID	18-0988	

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